



# Institute for Health Metrics and Evaluation

## Data Release Information Sheet

### ***Data Summary***

Dataset name: United States Maternal Mortality Ratio Estimates by Race and Ethnicity 1999-2019

Date of release: July 3, 2023

#### Summary:

This dataset includes estimates generated by IHME to assess trends in maternal mortality across five racial and ethnic groups in the U.S. The dataset includes MMR (maternal mortality ratio) estimates for Hispanic and any race; non-Hispanic American Indian and Alaska Native; non-Hispanic Asian, Native Hawaiian or Other Pacific Islander; non-Hispanic Black; and non-Hispanic White females ages 10-54 for each year from 1999 through 2019. The dataset includes national estimates, estimates for each Census region, estimates for each racial and ethnic group and Census region, and estimates for each racial and ethnic group and state.

#### Relevant publications and visualizations:

Fleszar LG, Bryant AS, Johnson CO, et al. Trends in state-level maternal mortality by racial and ethnic group in the United States. *JAMA*. 3 July 2023.

### **Acknowledgements**

#### Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

#### Funders:

- Gates Ventures

#### Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). United States Maternal Mortality Ratio Estimates by Race and Ethnicity 1999-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2023.

## Data Files Information

### File Inventory

File Name	Description	Version Date
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_ESTIMATES_Y2023M07D03.CSV	MMR annual estimates at the national, race-regional, and state and racial and ethnic group levels, 1999-2019	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_ESTIMATES_COLLAPSED_Y2023M07D03.CSV	MMR estimates at the state and racial and ethnic group levels, 1999-2009 and 2010-2019	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_PERCENT_CHANGE_COLLAPSED_Y2023M07D03.CSV	Percent change in MMR between 1999-2009 and 2010-2019 at the state and racial and ethnic group levels	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_CODEBOOK_ESTIMATES_Y2023M07D03.CSV	Codebook: MMR estimates, annual 1999-2019	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_CODEBOOK_ESTIMATES_COLLAPSED_Y2023M07D03.CSV	Codebook: MMR estimates, annual rate of change, 1999-2009 and 2010-2019	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_CODEBOOK_PERCENT_CHANGE_COLLAPSED_Y2023M07D03.CSV	Codebook: Percent change in MMR between 1999-2009 and 2010-2019	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_DATA_INPUT_SOURCES_Y2023M07D03.XLSX	Data input source list	July 3, 2023
IHME_USA_MMR_STATE_RACE_ETH_N_1999_2019_INFO_SHEET_Y2023M07D03.PDF	Data Release Information Sheet	July 3, 2023

## Variable Information

Variable	Variable Label	Variable Definition
measure_id	Measure ID	A unique numeric identifier for the measure generated and stored in an IHME database of data dimensions.
measure_name	Measure Name	The measure (indicator) for the estimate.
location_id	Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	The location for the estimate.
race_group	Racial and Ethnic Group	The racial and ethnic group for the estimate.
sex_id	Sex ID	A unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex Name	The gender for the estimate.
age_group_id	Age Group ID	A unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	The age group for the estimate.
year_id	Year ID	The time period for the estimate.
metric_id	Metric ID	A unique numeric identifier for the metric.
metric_name	Metric Name	The metric/unit of measure for the estimate.
val	Value	Mean estimate.
upper	95% Uncertainty Interval (Upper Bound)	97.5% percentile estimate.
lower	95% Uncertainty Interval (Lower Bound)	2.5% percentile estimate.

## *Additional Information*

### Terms and Conditions

<http://www.healthdata.org/about/terms-and-conditions>

## Contact Information

To request further information about this dataset, please contact IHME:

Address:

Institute for Health Metrics and Evaluation  
Population Health Building/Hans Rosling Center  
3980 15th Ave. NE, Seattle, WA 98195 USA  
UW Campus Box #351615

Telephone: +1-206-897-2800

Fax: +1-206-897-2899

Email: [data@healthdata.org](mailto:data@healthdata.org)

Website: [www.healthdata.org](http://www.healthdata.org)

These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.